

GOVERNMENT OF GOA
OFFICE OF THE ASSISTANT ENGINEER
SUB DIVISION III WORKS DIVISION XI
QUALITY CONTROL LABORATORY(SOUTH),
WATER RESOURCES DEPARTMENT,
GOGAL, MARGAO- GOA.

PLEASE FIND THE TEST RESULTS OF CEMENT AS DETAILED BELOW:

Name of work:-Construction of Retaining wall to RHS of Khandepar river D/s of bridge at Khandepar in Ponda Taluka.

Type of Cement: Ordinary Portland cement **Brand / Grade:** Bharti Cement /43 grade

Source of receipt: Assistant Engineer SD IV, WD XI, WRD, Ponda- Goa.

Ref. Letter No: No. WRD/WD XI/SD IV/F.cf/54/2021-22. **Dated:** 30-04-2021.

Qty. Represented:

L.S. No: 431/2021

Physical Properties

Sr. No	Description	Test results	Requirements as per I.S.
1	Fineness. (% retained on 9 micron sieve)	3%	Not more than 10%
2	Setting Time in (Minutes) xiii) Initial	168minutes	Not less than 30 Min
	xiv) Final.	288minutes	Not more than 600 Min.
3	Minimum Com Strength Kg/Cm ² i) 72 hrs. ±1 hrs.	366.66Kg/cm ²	Not less than230.0Kg/cm ²
	ii) 168 hrs. ±2hrs	456.66Kg/cm ²	Not less than330.0Kg/cm ²
	iii) 672 hrs. ±4 hrs	533.33Kg/cm ²	Not less than430.0Kg/cm ²
4	Consistency of cement.	28%	

To,
The Asst. Engineer, SD IV, WD XI, WRD, Ponda- Goa.
C.W.C. Submitted to:
2. The Exe. Eng. W.D. XI, WRD, Rawanfnd– Goa.
3. Office file.

Junior Engineer

Assistant Engineer.